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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/590,675
				Filing Date	August 25, 2006
				First Named Inventor	Nasser Chegini
				Art Unit	1645
				Examiner Name	
Sheet	1	of	6	Attorney Docket Number	UF-418C2XCZ1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-2001/0002393 A1	05-31-2001	Palmer et al.	All
	U2	US-2003/0032044 A1	02-13-2003	Chegini et al.	All
	U3	US-2003/0077589 A1	04-24-2003	Hess-Stumpp et al.	All
	U4	US-2004/0147574 A1	07-29-2004	Munchhof	All
	U	US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1	WO	00/20642 A1	04-13-2000	Genzyme Corp; Univ. Fl.	All
	F2	WO	03/007685 A2	01-30-2003	Univ. of Florida	All
	F3	WO	2000/012497 A2	03-09-2000	Scios Inc.	All
	F4	WO	2004/021989 A2	03-18-2004	Biogen, Inc.	All
	F5	WO	2004/026307 A1	04-01-2004	Pfizer Prod. Inc.	All
	F6	WO	2004/026871 A1	04-01-2004	Eli Lilly & Comp.	All
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	R1	AHN, W.S. <i>et al.</i> "Targeted cellular process profiling approach for uterine leiomyoma using cDNA microarray, proteomics and gene ontology analysis" <i>Int J Exp Pathol</i> , 2003, pp. 267-79, Vol. 84.	
	R2	ARICI, A. and SOZEN, I. "Expression, menstrual cycle-dependent activation, and bimodal mitogenic effect of transforming growth factor- $\beta$ 1 in human myometrium and leiomyoma" <i>Am J Obstet Gynecol</i> , 2003, pp. 76-83, Vol. 188.	
	R3	ARICI, A. and SOZEN, I. "Transforming growth factor- $\beta$ 3 is expressed at high levels in leiomyoma where it stimulates fibronectin expression and cell proliferation" <i>Fertil Steril</i> , 2000, pp. 1006-1011, Vol. 73.	
	R4	BLOBE, G.C. "Role of transforming growth factor $\beta$ in human disease" <i>et al. N Engl J Med</i> , 2000, pp. 1350-1358, Vol. 342.	
	R5	BUTTE, A. "The use and analysis of microarray data" <i>Nat Rev Drug Discov</i> , 2002 pp. 951-960, Vol. 1.	
	R6	BYFIELD, S.D. <i>et al.</i> , "SB-505124 is a selective inhibitor of transforming growth factor- $\beta$ Type I receptors ALK4, ALK5, and ALK7" <i>Mol. Pharmacol.</i> , pp. 744-752, Vol. 65, No. 3.	
	R7	CARR, B.R. <i>et al.</i> "An evaluation of the effect of gonadotropin-releasing hormone analogs and medroxyprogesterone acetate on uterine leiomyomata volume by magnetic resonance imaging: A prospective, randomized, double blind, placebo-controlled, crossover trial" <i>J Clin Endocrinol Metab</i> , 1993, 76:1217-1223	
	R8	CHEGINI, N. <i>et al.</i> "Gonadotropin-releasing hormone (GnRH) and GnRH receptor gene expression in human myometrium and myometrial smooth muscle cells and interaction with ovarian steroids <i>in vitro</i> " <i>J Clin Endocrinol Metab</i> , 1996, pp. 3215-3221, Vol. 81, No. 9.	
	R9	CHEGINI, N. <i>et al.</i> "Gene expression profile of leiomyoma and myometrium and the effect of gonadotropin releasing hormone analogue therapy" <i>J Soc Gynecol Investig</i> , 2003, pp. 161-171, Vol. 10., No. 3.	
	R10	CHEGINI, N. and KORNBERG, L. "Gonadotropin releasing hormone analogue therapy alters signal transduction pathways involving mitogen-activated protein and focal adhesion kinases in leiomyoma" <i>J Soc Gynecol Investig.</i> , 2003, pp. 21-26, Vol. 10.	
	R11	CHEGINI, N. <i>et al.</i> "Regulation of transforming growth factor- $\beta$ 1 expression by granulocyte macrophage-colony-stimulating factor in leiomyoma and myometrial smooth muscle cells" <i>J Clin Endocrinol Metab</i> , 1999, pp. 4138-4143, Vol. 84, No. 11.	
	R12	CHEGINI, N. <i>et al.</i> "The expression of Smads and transforming growth factor beta receptors in leiomyoma and myometrium and the effect of gonadotropin releasing hormone analogue therapy" <i>Mol Cell Endocrinol</i> , 2003, pp. 9-16, Vol. 209.	
	R13	CHEGINI, N. <i>et al.</i> "Effects of GnRH analogues, 'add-back' steroid therapy, antiestrogen and antiprogesterins on leiomyoma and myometrial smooth muscle cell growth and transforming growth factor- $\beta$ expression" <i>Mol Hum Reprod</i> , 2002, pp. 1071-1078, Vol. 8, No. 12.	

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	R14	CHWALISZ, K. <i>et al.</i> , "Therapeutic potential for the selective progesterone receptor modulator asoprisnil in the treatment of leiomyomata" <i>Semin. Reprod. Med.</i> , 2004, pp. 113-119, Vol. 22, No. 2.	
	R15	CLANCY, R.M. and BUYON, J.P. "Clearance of apoptotic cells: TGF- $\beta$ in the balance between inflammation and fibrosis" <i>J Leukoc Biol</i> , 2003, pp. 959-960, Vol. 74.	
	R16	DEMANNO, D. <i>et al.</i> "Asoprisnil (J867): A selective progesterone receptor modulator for gynecological therapy" <i>Steroids</i> , 2003, pp. 1019-32, Vol. 68.	
	R17	DING, L. <i>et al.</i> "The expression of IL-13 and IL-15 in leiomyoma and myometrium and their influence on TGF- $\beta$ and proteases expression in leiomyoma and myometrial smooth muscle cells and SKLM, leiomyosarcoma cell line" <i>J Soc Gynecol Invest</i> , 2004, 11(2 Suppl):319A, abstract no. 725.	
	R18	DING, L. <i>et al.</i> "Gonadotropin releasing hormone and transforming growth factor $\beta$ activate mitogen-activated protein kinase/extracellularly regulated kinase and differentially regulate fibronectin, Type I collagen, and plasminogen activator inhibitor-1 expression in leiomyoma and myometrial smooth muscle cells" <i>J Clin Endocrinol Metab</i> , 2004, pp. 5549-5557, Vol. 89, No. 11.	
	R19	DOU, Q. <i>et al.</i> "Suppression of transforming growth factor- $\beta$ (TGF $\beta$ ) and TGF $\beta$ receptor messenger ribonucleic acid and protein expression in leiomyomata in women receiving gonadotropin-releasing hormone agonist therapy" <i>J Clin Endocrinol Metab</i> , 1996, pp. 3222-3230, Vol. 81, No. 9.	
	R20	DOU, Q. <i>et al.</i> "Differential expression of matrix metalloproteinases and their tissue inhibitors in leiomyomata: a mechanism for gonadotrophin releasing hormone agonist-induced tumour regression" <i>Mol Hum Reprod.</i> , 1997, pp. 1005-1014, Vol. 3, No. 11.	
	R21	DUBEY, R.K. <i>et al.</i> , "Tibolone and its metabolites induce antimitogenesis in human coronary artery smooth muscle cells: Role of estrogen, progesterone, and androgen receptors" <i>J. Clin. Endocrinol. Metab.</i> , 2004, pp. 852-859, Vol. 89, No. 2.	
	R22	ENGLUND <i>et al.</i> , "Sex steroid receptors in human myometrium and fibroids: Changes during the menstrual cycle and gonadotropin-releasing hormone treatment" <i>J. Clin. Endocrinol Metab.</i> , 1998, pp. 4092-4092, Vol. 83, No. 11.	
	R23	FLANDERS, K.C. "Smad3 as a mediator of the fibrotic response" <i>Int J Exp Pathol</i> , 2004, pp. 47-64, Vol. 85.	
	R24	FORNONI, A. <i>et al.</i> "Glucose induces clonal selection and reversible dinucleotide repeat expansion in mesangial cells isolated from glomerulosclerosis-prone mice" <i>Diabetes</i> , 2003, pp. 2594-2602, Vol. 52.	
	R25	FUKUHARA, K. <i>et al.</i> "Secreted frizzled related protein 1 is overexpressed in uterine leiomyomas, associated with a high estrogenic environment and unrelated to proliferative activity" <i>J Clin Endocrinol Metab</i> , 2002, pp. 1729-36, Vol. 87, No. 4.	
	R26	GELLIBERT, F. <i>et al.</i> , "Identification of 1,5-Naphthyridine derivatives as a novel series of potent and selective TGF- $\beta$ Type I Receptor Inhibitors" <i>J. Med. Chem.</i> , 2004, pp. 4494-4506, Vol. 47.	

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	R27	GUSTAVSSON, I. <i>et al.</i> "Tissue differences but limited sex steroid responsiveness of c-fos and c-jun in human fibroids and myometrium" <i>Mol Hum Reprod</i> , 2000, pp. 55-59, Vol. 6, No. 1.	
	R28	HJELMELAND, M.D. <i>et al.</i> , "SB-431542, a small molecule transforming growth factor- $\beta$ -receptor antagonist, inhibits human glioma cell line proliferation and motility" <i>Mol. Cancer Ther.</i> , 2004, pp. 737-745, Vol. 3, No. 6.	
	R29	HJOBERG, J <i>et al.</i> "Induction of early growth-response factor 1 by platelet-derived growth factor in human airway smooth muscle" <i>Am J Physiol Lung Cell Mol Physiol</i> , 2004, pp. L817-825, Vol. 286.	
	R30	HODL, C. <i>et al.</i> , A novel, high-affinity, fluorescent progesterone receptor antagonist. Synthesis and in vitro studies" <i>Bioconj. Chem.</i> , 2004, pp. 359-365, Vol. 15, No. 2.	
	R31	HOFFMAN, P.J. <i>et al.</i> "Molecular characterization of uterine fibroids and its implication for underlying mechanisms of pathogenesis" <i>Fertility and Sterility</i> , 2004, pp. 639-649, 83, No. 3.	
	R32	KAKAR, S.S. <i>et al.</i> "Identification of distinct gene expression profiles associated with treatment of L $\beta$ T2 cells with gonadotropin-releasing hormone agonist using microarray analysis" <i>Gene</i> , 2003, pp. 67-77, Vol. 308.	
	R33	LEE, B.S. and Nowak, R.A. "Human leiomyoma smooth muscle cells show increased expression of transforming growth factor- $\beta$ 3 (TGF $\beta$ 3) and altered responses to the antiproliferative effects of TGF $\beta$ " <i>J Clin Endocrinol Metab</i> , 2001, pp. 913-920, Vol. 86.	
	R34	LEVENS, E. <i>et al.</i> "Differential Expression of fibromodulin and Abl-interactor 2 in leiomyoma and myometrium and regulation by gonadotropin releasing hormone analogue (GnRH $\alpha$ ) therapy" <i>Fertil Steril</i> , 2004, 82(Suppl. 2):S88-S89.	
	R35	LIGON, A.H. and Morton, C.C. "Leiomyomata: Heritability and cytogenetic studies" <i>Hum Reprod Update</i> , 2001, pp. 8-14, Vol. 7, No. 1.	
	R36	LUO, X. <i>et al.</i> "Leiomyoma and myometrial gene expression profiles and their responses to gonadotropin-releasing hormone analog therapy" <i>Endocrinology</i> , 2005, pp. 1074-1096, Vol. 146, No. 3.	
	R37	LUO, X. <i>et al.</i> "Gene expression profiling of leiomyoma and myometrial smooth muscle cells in response to transforming growth factor- $\beta$ " <i>Endocrinology</i> , 2005, pp. 1097-1118, Vol. 146, No. 3.	
	R38	MA, C. and CHEGINI, N. "Regulation of matrix metalloproteinases (MMPs) and their tissue inhibitors in human myometrial smooth muscle cells by TGF- $\beta$ 1" <i>Mol Hum Reprod</i> , 1999, pp. 950-954, Vol. 5, No. 10.	
	R39	MARUO, T. <i>et al.</i> "Sex steroidal regulation of uterine leiomyoma growth and apoptosis" <i>Hum Reprod Update</i> , 2004, pp. 207-20, Vol. 10, No. 3.	

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	R40	MIZUTANI, T. <i>et al.</i> "Suppression of cell proliferation and induction of apoptosis in uterine leiomyoma by gonadotropin-releasing hormone agonist (leuprolide acetate) <i>J Clin Endocrinol Metab</i> , 1998, pp. 1253-1255, Vol. 83, No. 4.	
	R41	OLMAN, M.A. and MATTHAY, M.A. "Transforming growth factor- $\beta$ induces fibrosis in immune cell-depleted lungs" <i>Am J Physiol Lung Cell Mol Physiol</i> , 2003, pp. L522-6, Vol. 285.	
	R42	ORII, A. <i>et al.</i> "Altered post-translational modification of redox factor 1 protein in human uterine smooth muscle tumors" <i>J Clin Endocrinol Metab</i> , 2002, pp. 3754-9, Vol. 87, No. 8.	
	R43	PALOMBA, S. <i>et al.</i> "Effectiveness of combined GnRH analogue plus raloxifene administration in the treatment of uterine leiomyomas: a prospective, randomized, single-blind, placebo-controlled clinical trial" <i>Hum Reprod</i> , 2002, pp. 3213-3219, Vol. 17, No. 12.	
	R44	PAVLIDIS, P. "Using ANOVA for gene selection from microarray studies of the nervous system" <i>Methods</i> , 2003, pp. 282-289, Vol. 31.	
	R45	PETERSON, L.E. "Partitioning large-sample microarray-based gene expression profiles using principal components analysis" <i>Comput Methods Programs Biomed</i> , 2003, pp. 107-19, Vol. 70.	
	R46	QUADE, B.J. <i>et al.</i> "Molecular pathogenesis of uterine smooth muscle tumors from transcriptional profiling" <i>Genes Chromosomes Cancer</i> , 2004, pp. 97-108, Vol. 40.	
	R47	SCHNAPER, H.W. <i>et al.</i> "TGF- $\beta$ signal transduction and mesangial cell fibrogenesis" <i>Am J Physiol Renal Physiol</i> , 2003, pp. F243-252, Vol. 284.	
	R48	SENTURK, L.M. <i>et al.</i> "Interleukin 8 production and interleukin 8 receptor expression in human myometrium and leiomyoma" <i>Am J Obstet Gynecol</i> , 2001, pp. 559-566, Vol. 184.	
	R49	SKUBITZ <i>et al.</i> "Differential gene expression in uterine leiomyoma" <i>J. Lab. Clin. Med.</i> , 2003, pp. 297-308, Vol. 141.	
	R50	SOKOL, J.P. <i>et al.</i> , "Cystatin C antagonizes transforming growth factor $\beta$ signaling in normal and cancer cells" <i>Mol. Cancer Res.</i> , 2004, pp. 183-195, Vol. 2, No. 3.	
	R51	SOZEN, I. <i>et al.</i> "Expression and hormonal regulation of monocyte chemotactic protein-1 in myometrium and leiomyomata" <i>Fertil Steril</i> , 1998, pp. 1095-1102, Vol. 69, No. 6.	
	R52	STEINAUER, J. <i>et al.</i> "Systematic review of mifepristone for the treatment of uterine leiomyomata" <i>Obstet Gynecol</i> , 2004, pp. 1331-6, Vol. 103, No. 6.	

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	R53	STEWART, E.A. <i>et al.</i> "Relative overexpression of collagen type-I and collagen type-III messenger ribonucleic acids by uterine leiomyomas during the proliferative phase of the menstrual cycle" <i>J Clin Endocrinol Metab</i> , 1994, pp. 900-6, Vol. 79, No. 3.	
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	R62	YINGLING, J. <i>et al.</i> , "Development of TGF- $\beta$ signaling inhibitors for cancer therapy" <i>Nat. Rev. Drug Discov.</i> , 2004, Dec.; pp. 1011-22, Vol. 3, No. 12.	
	R63	YOKOTA, H. <i>et al.</i> "CITED2-mediated regulation of MMP-1 and MMP-13 in human chondrocytes under flow shear" <i>J Biol Chem</i> , 2003, pp. 47275-47280, Vol. 278, No. 47.	
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	R65		

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